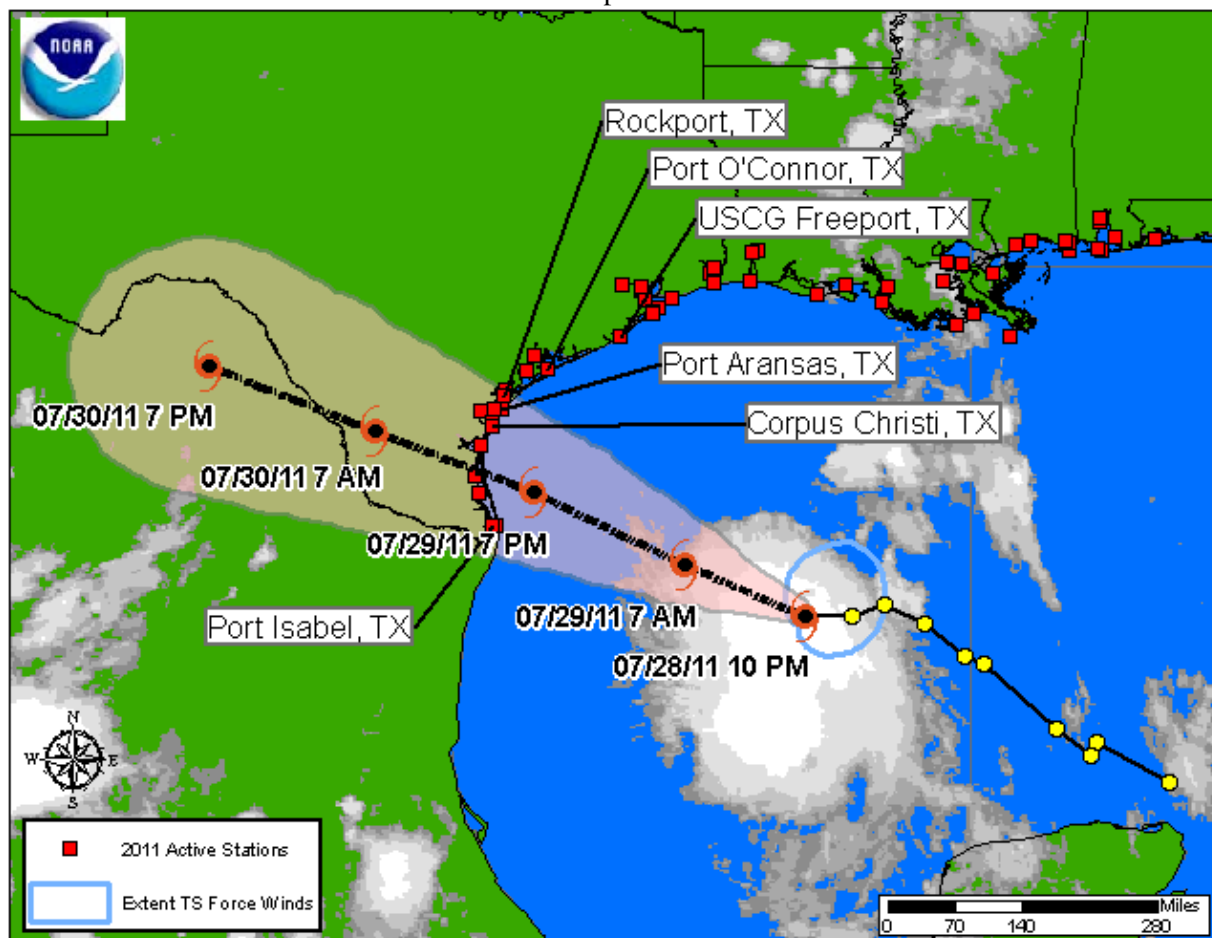




Tropical Storm DON QuickLook  
Posted: 23:00 CDT 07/28/2011

#### NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 07/28/2011 23:00 CDT, water levels along the southern Texas coast are at or near predicted values. However, water levels are beginning to rise at Port O'Connor and USCG Freeport. Winds are generally weak and range between 10 and 20 kts. Barometric pressure is steady.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Port Isabel, TX Next predicted high tides are 1.38 ft (0.42 m) at 07/29/2010 07:00 CDT and 1.32 ft (0.40 m) at 07/30/2010 07:08 CDT.

Corpus Christi, TX Next predicted high tides are 1.66 ft (0.51 m) at 07/29/2011 05:26 CDT and 1.60 ft (0.49 m) at 07/30/2011 05:42 CDT.

Tropical Storm DON QuickLook, POSTED 23:00 CDT 07/28/2011

Port Aransas, TX Next predicted high tides are 0.82 ft (0.25 m) at 07/29/2011 12:08 CDT and 0.83 ft (0.25 m) at 07/30/2011 13:24 CDT.

Rockport, TX Next predicted high tides are 0.23 ft (0.07 m) at 07/29/2011 14:16 CDT and 0.22 ft (0.07 m) at 07/30/2011 15:03 CDT.

Port O'Connor, TX Next predicted high tides are 0.62 ft (0.19 m) at 07/29/2011 11:02 CDT and 0.57 ft (0.17 m) at 07/30/2011 11:38 CDT.

USCG Freeport, TX Next predicted high tides are 1.83 ft (0.56 m) at 07/29/2011 05:06 CDT and 1.79 ft (0.55 m) at 07/30/2011 05:26 CDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:CMF

-----  
SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM DON ADVISORY NUMBER 6  
1000 PM CDT THU JUL 28 2011

...DON HEADING TOWARD THE TEXAS COAST...

WATCHES AND WARNINGS

-----  
CHANGES WITH THIS ADVISORY...

THE TROPICAL STORM WATCH FOR THE TEXAS COAST SOUTH OF PORT MANSFIELD TO THE MOUTH OF THE RIO GRANDE IS CHANGED TO A TROPICAL STORM WARNING.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

\* TEXAS COAST FROM THE MOUTH OF RIO GRANDE TO SAN LUIS PASS

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA WITHIN 36 HOURS.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

-----  
AT 1000 PM CDT THE CENTER OF TROPICAL STORM DON WAS LOCATED ABOUT 370 MI SE OF CORPUS CHRISTI TEXAS OR ABOUT 325 MI ESE OF BROWNSVILLE TEXAS. DON IS MOVING TOWARD THE WEST-NORTHWEST NEAR 14 MPH AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE UNTIL LANDFALL LATE FRIDAY OR EARLY SATURDAY.

MAXIMUM SUSTAINED WINDS HAVE INCREASED TO NEAR 50 MPH WITH HIGHER GUSTS. ONLY SLIGHT STRENGTHENING IS ANTICIPATED BEFORE THE CENTER REACHES THE TEXAS COAST. A GRADUAL WEAKENING SHOULD BEGIN THEREAFTER.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 100 MILES MAINLY TO THE NORTH AND EAST OF THE CENTER.

LATEST MINIMUM CENTRAL PRESSURE ESTIMATED BY AN AIR FORCE PLANE WAS 998 MB.

#### HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA BY LATE FRIDAY.

STORM SURGE...A STORM SURGE WILL RAISE WATER LEVELS BY AS MUCH AS 1 TO 2 FEET ABOVE GROUND LEVEL...MAINLY ALONG THE IMMEDIATE COAST NEAR AND TO THE NORTHEAST OF WHERE THE CENTER MAKES LANDFALL. NEAR THE COAST...THE SURGE WILL BE ACCOMPANIED BY LARGE AND DAMAGING WAVES.

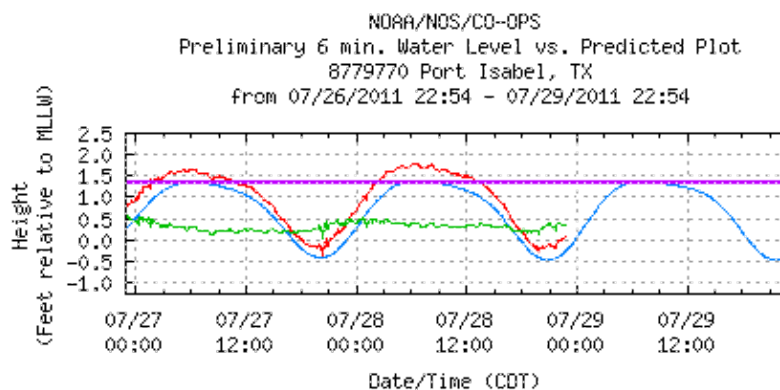
RAINFALL...DON IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 3 TO 5 INCHES FROM THE CENTRAL TEXAS COAST WESTWARD INTO SOUTH CENTRAL TEXAS...WITH POSSIBLE ISOLATED MAXIMUM AMOUNTS OF 7 INCHES.

FORECASTER AVILA

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Port Isabel - Water Level](#), [Port Isabel - Winds](#), [Port Isabel - Barometric](#), [Port Isabel - Air/Water Temp](#), [Corpus Christi - Water Level](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [Corpus Christi - Air/Water Temp](#), [Port Aransas - Water Level](#), [Rockport - Water Level](#), [Rockport - Winds](#), [Rockport - Barometric](#), [Rockport - Air/Water Temp](#), [Port O'Connor - Water Level](#), [USCG Freeport - Water Level](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [USCG Freeport - Air/Water Temp](#).

Port Isabel, TX - Return to List

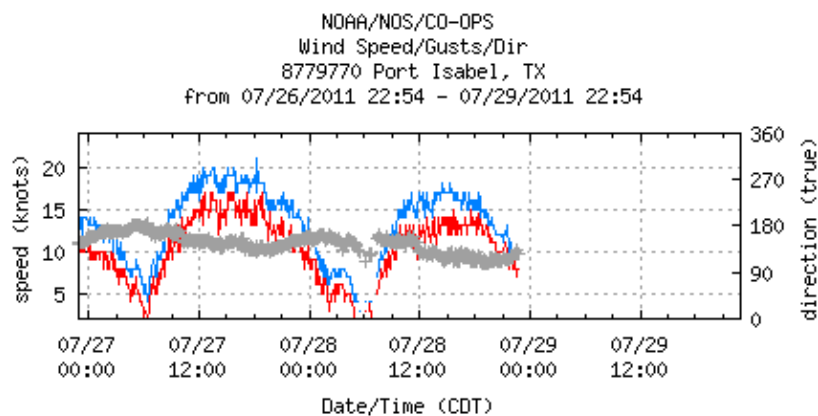


Last Observed Sample: 07/28/2011 22:42 (CDT)

Relative to MLLW: **Observed: 0.07 ft.** **Predicted: -0.28 ft.** **Residual: 0.35 ft.**

Historical Maximum Water Level: Aug 9 1980, 5.67 ft. above MHHW

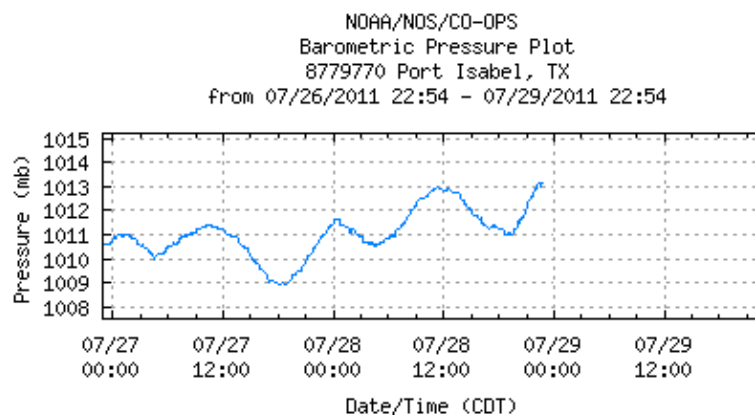
Port Isabel, TX - Return to List



Last Observed Sample: 07/28/2011 22:42 (CDT)

**Wind Speed: 8 knots** **Gusts: 10 knots** **Direction: 127° T**

[Port Isabel, TX - Return to List](#)

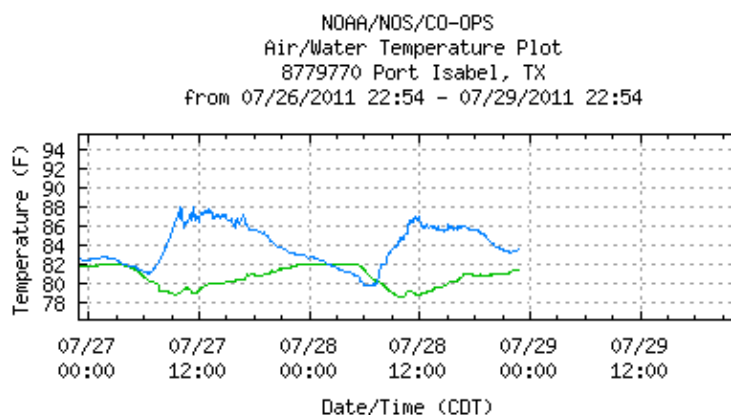


barometric pressure —

Last Observed Sample: 07/28/2011 22:42 (CDT)

Barometric Pressure: 1013.1 mb

[Port Isabel, TX - Return to List](#)

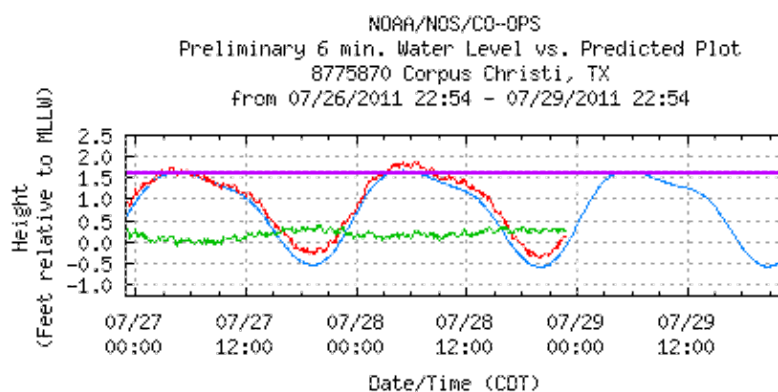


water temp. — air temp —

Last Observed Sample: 07/28/2011 22:42 (CDT)

Water Temperature: 81.3° F Air Temperature: 83.5° F

Corpus Christi, TX - Return to List

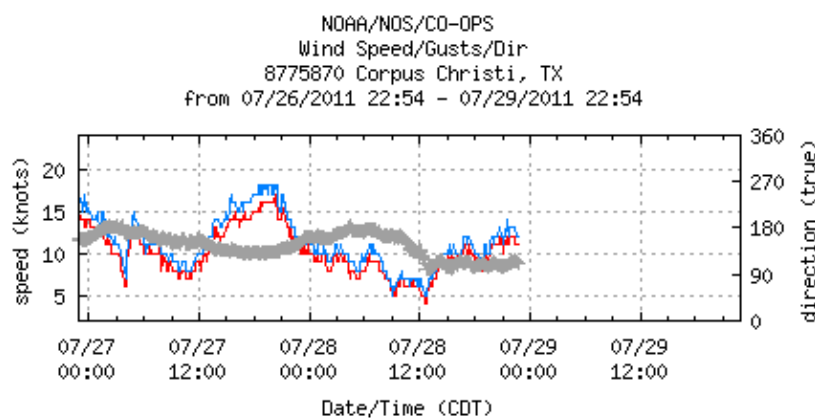


Last Observed Sample: 07/28/2011 22:42 (CDT)

Relative to MLLW: **Observed: 0.14 ft.** **Predicted: -0.12 ft.** **Residual: 0.26 ft.**

Historical Maximum Water Level: Sep 10 1998, 3.33 ft. above MHHW

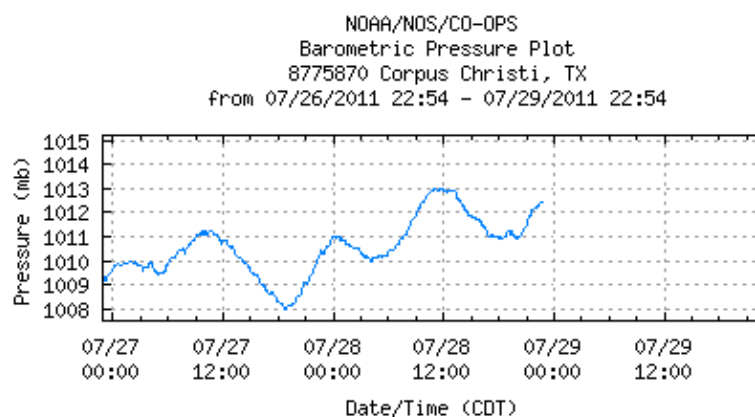
Corpus Christi, TX - Return to List



Last Observed Sample: 07/28/2011 22:42 (CDT)

**Wind Speed: 11 knots** **Gusts: 12 knots** **Direction: 113° T**

Corpus Christi, TX - Return to List

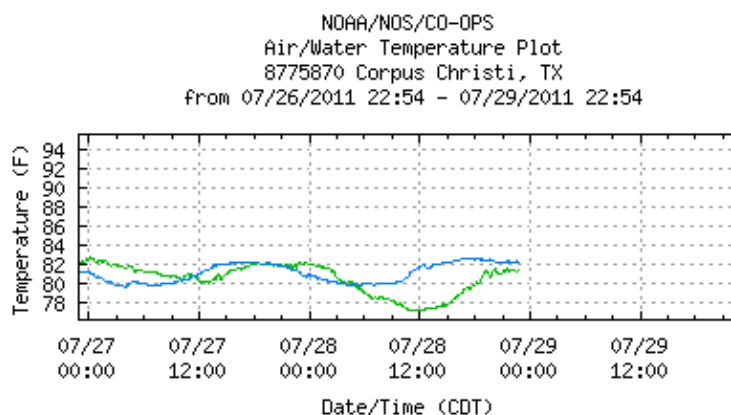


barometric pressure —

Last Observed Sample: 07/28/2011 22:42 (CDT)

Barometric Pressure: 1012.4 mb

Corpus Christi, TX - Return to List



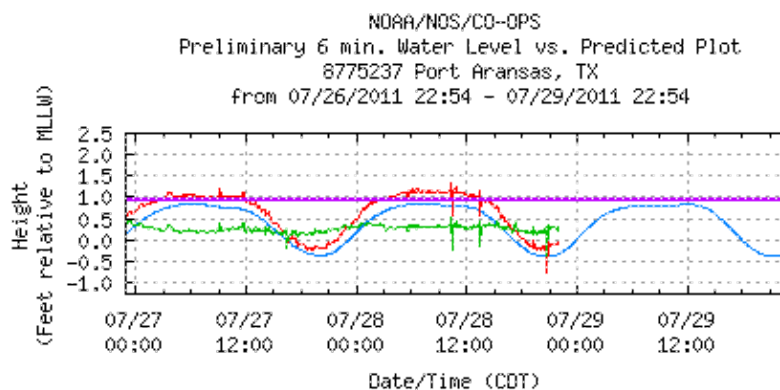
water temp. —

air temp —

Last Observed Sample: 07/28/2011 22:42 (CDT)

Water Temperature: 81.3° F Air Temperature: 82.2° F

Port Aransas, TX - Return to List

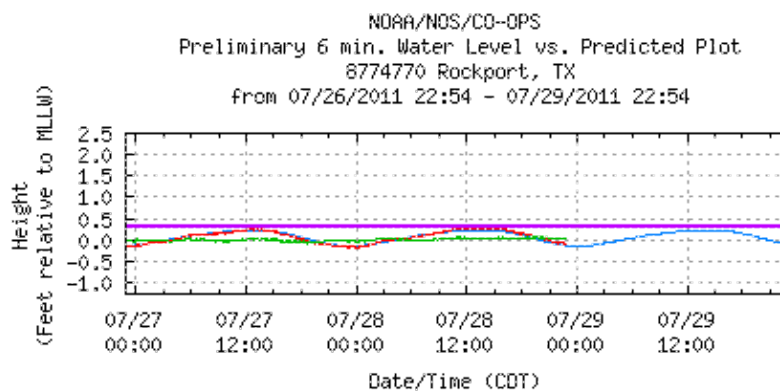


Last Observed Sample: 07/28/2011 22:00 (CDT)

Relative to MLLW: **Observed: -0.06 ft.** **Predicted: -0.34 ft.** **Residual: 0.28 ft.**

Historical Maximum Water Level: , 0 ft. above MHHW

Rockport, TX - Return to List

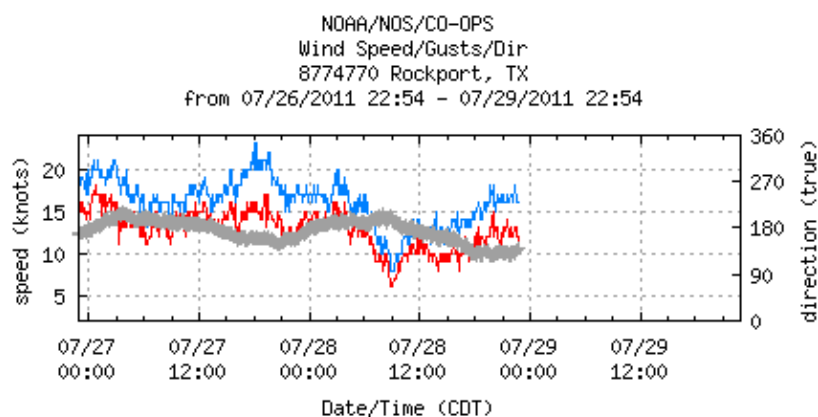


Last Observed Sample: 07/28/2011 22:42 (CDT)

Relative to MLLW: **Observed: -0.10 ft.** **Predicted: -0.13 ft.** **Residual: 0.03 ft.**

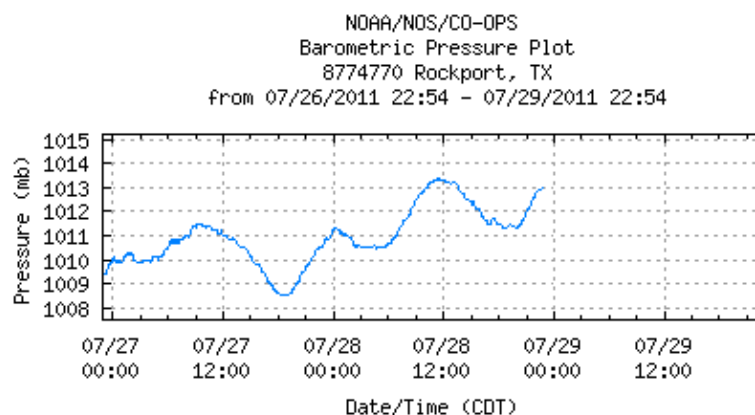
Historical Maximum Water Level: Aug 10 1980, 3.73 ft. above MHHW

Rockport, TX - Return to List



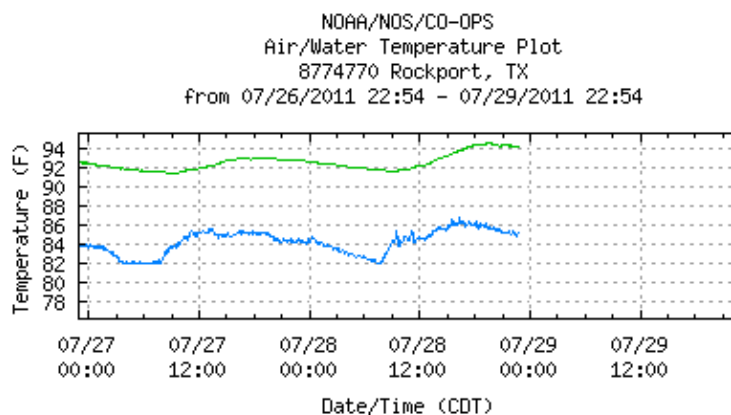
speed — gusts — direction +  
Last Observed Sample: 07/28/2011 22:42 (CDT)  
Wind Speed: 11 knots Gusts: 16 knots Direction: 141° T

Rockport, TX - Return to List



barometric pressure —  
Last Observed Sample: 07/28/2011 22:42 (CDT)  
Barometric Pressure: 1013.0 mb

Rockport, TX - Return to List

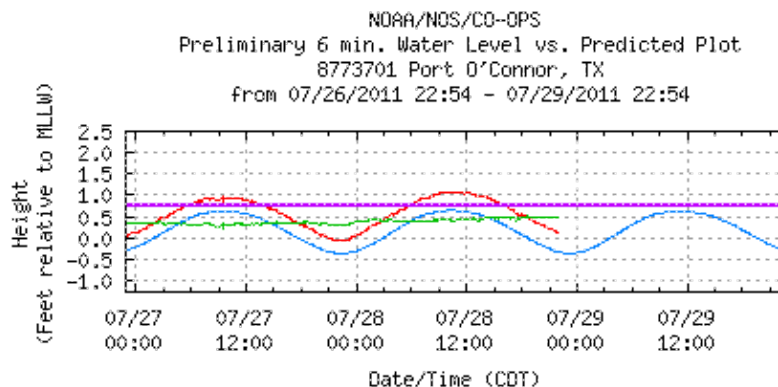


water temp. — air temp —

Last Observed Sample: 07/28/2011 22:42 (CDT)

Water Temperature: 94.1° F Air Temperature: 85.1° F

Port O'Connor, TX - Return to List



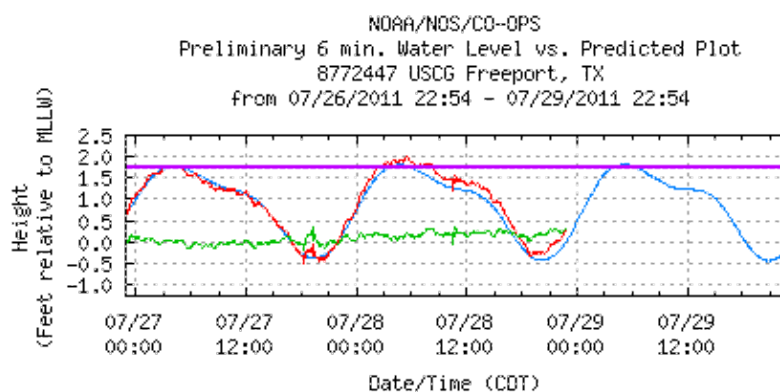
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 07/28/2011 22:00 (CDT)

Relative to MLLW: Observed: 0.14 ft. Predicted: -0.34 ft. Residual: 0.48 ft.

Historical Maximum Water Level: , 0 ft. above MHHW

USCG Freeport, TX - Return to List



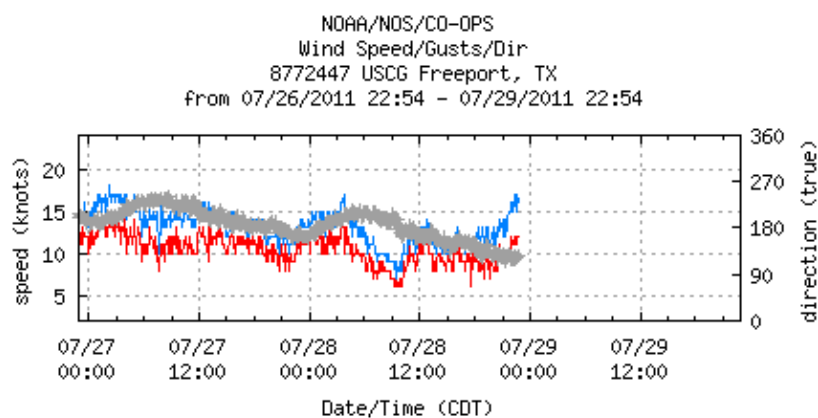
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 07/28/2011 22:42 (CDT)

Relative to MLLW: **Observed: 0.26 ft.** **Predicted: -0.03 ft.** **Residual: 0.29 ft.**

Historical Maximum Water Level: Sep 12 2008, 5.6 ft. above MHHW

USCG Freeport, TX - Return to List

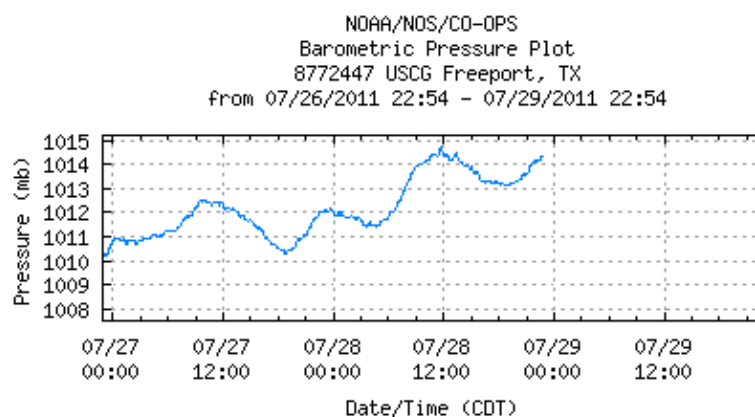


speed — gusts — direction +

Last Observed Sample: 07/28/2011 22:42 (CDT)

**Wind Speed: 12 knots** **Gusts: 16 knots** **Direction: 127° T**

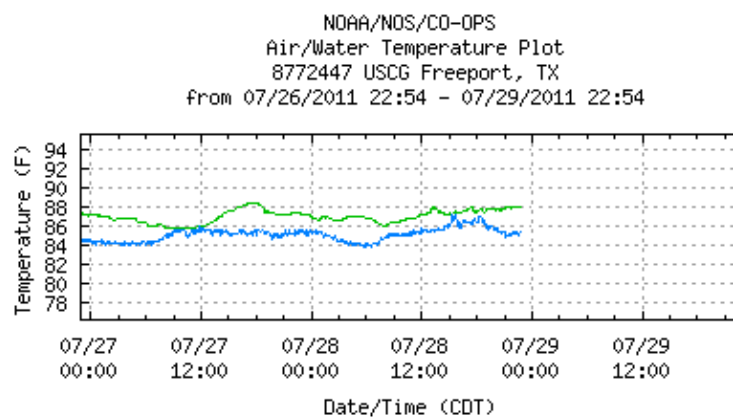
USCG Freeport, TX - Return to List



Last Observed Sample: 07/28/2011 22:42 (CDT)

Barometric Pressure: 1014.3 mb

USCG Freeport, TX - Return to List



Last Observed Sample: 07/28/2011 22:42 (CDT)

Water Temperature: 88.0° F Air Temperature: 85.3° F

Tropical Storm DON QuickLook, POSTED 23:00 CDT 07/28/2011

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce